

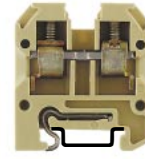
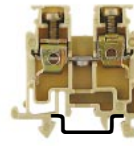
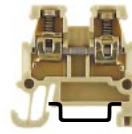
TS 15
Feed-through terminals
PE terminals
Fuse terminals
Disconnect terminals

AKZ 1.5
AKZ 1.5/10

AKZ 2.5

AKZ 4
AKZ 4/10

AKZ 4 for test adapter
AKZ 4/10 for test adapter



Max. Technical Data		21,5 A / 2,5 mm ²	26 A / 4 mm ²	38,5 A / 6 mm ²	38,5 A / 6 mm ²
Dimensions					
Width / length / height (mm)	with TS 15	5/25/25	5/25,5/27	6/27/30	60/27/30
Insulation stripping length/clamping screw/screwdriver blade		7 mm/M 2,5/3,0 x 0,5	7 mm/M 2,5/3,0 x 0,5	9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6
VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1					
Rated voltage / current / cross-section		400 V/17,5 A/1,5 mm ²	250 V/24 A/2,5 mm ²	500 V/32 A/4 mm ²	500 V/32 A/4 mm ²
Rated impulse voltage / Pollution severity		6 kV/3	4 kV/3	6 kV/3	6 kV/3
Further technical data					
Tightening torque range	Nm	0,4...0,7	0,4...0,7	0,5...1,0	0,5...1,0
Torque setting with DMS 2 electric screwdriver		1	1	2	2
Clampable conductor					
solid H07V-U	mm ²	0,5...2,5	0,5...4	0,5...6	0,5...6
stranded H07V-R	mm ²	1,5	1,5...2,5	1,5...4	1,5...4
flexible H07V-K	mm ²	0,5...1,5	0,5...2,5	0,5...4	0,5...4
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...1,5	0,5...2,5	0,5...4	0,5...4
flexible H07V-K and AEH with plastic collar	mm ²	0,5...1,5	0,5...2,5	0,5...4	0,5...4
Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988	Size	0,2...2,5 / A 1	0,13...4,0 / A 3	0,2...6,0 / A 3	0,2...6,0 / A 3
Continuous current rating of cross-connection 2-pole	A	10	20	20	20
Continuous current rating of cross-connection multipole	A	10	20	20	20
UL / CSA rated data					
Voltage / current / conductor size	UL	150 V/15 A/22...14 AWG	300 V/10 A/22...12 AWG	300 V/27A/22...12 AWG	300V/27 A/22...12 AWG
Voltage / current / conductor size	CSA	300 V/10 A/24...16 AWG	300 V/10 A/26...10 AWG	300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG
Ordering data	Type	TS 15	TS 15	TS 15	TS 15
	KrG				
	PA	034046 100	(with spigot) 069716 100	029432 100	for test adapter 153826 100
	Blue PA	034048 100	(with spigot) 069718 100	029438 100	
	PA	(10pol.w/o.mrk.) 035806 10	(without spigot) 017596 100	(10pol.w/o.mrk.) 035956 10	w. mark./f. test ad. 148936 10
	PA	(10pol.w. mrk.) 035816 10	AKZ 2.5 with AP 038586 50	(10pol.w. mrk.) 035966 1	ATA 1, 1-pole 163253 25
					ATA 1, 10-pole 163324 5

¹⁾Test adapter ATA 1...

End plate (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
	KrG						AP (1,5)	029442	20					
	PA	AP (1,5)	034056	50	AP (2,5)	069736	50	AP (1,5)	029446	20	AP (1,5)	029446	20	
	Blue PA				AP (2,5)	069738	50	AP (1,5)	029448	20				
Partition (thickness mm)	KrG						TW (2,0)	011890	20					
	PA				TW (1,5)	031856	20	TW (0,5)	034826	50	TW (0,5)	034826	50	
	Blue PA				TW (1,5)	031858	20							
Small partition	PA						TSch 4	036336	100	TSch 4	036336	100		
Cross-connection														
		Q 2	036820	50	Q 2	036820	50	Q 2	033640	50	Q 2	033640	50	
		Q 3	036830	50	Q 3	036830	50	Q 3	033650	50	Q 3	033650	50	
		Q 4	036840	50	Q 4	036840	50	Q 4	033660	50	Q 4	033660	50	
		Q 5	066030	20	Q 5	066030	20							
		Q 10	036850	20	Q 10	036850	20	Q 10	036860	20	Q 10	036860	20	
Switchable cross-connection link														
								VL 2	044670	50	VL 2	044670	50	
	VL							VH 10	044660	100	VH 10	044660	100	
	BS							BS M 2,5x14	026680	100	BS M 2,5x14	026680	100	
	VH													
Cover/cover profile for shock protection* (see also on page 3/23)														
Test plug/Socket														
	StB	Plug-test socket without using QL	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50
	PS													
	contact sleeve		PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20
Marking tags	Print													
	Consecutive horizontal	FW 5	047346	500	FW 5	047346	500	FW 6	046866	500	FW 6	046866	500	
	Consecutive vertical	FS 5	047356	500	FS 5	047356	500	FS 6	046876	500	FS 6	046876	500	

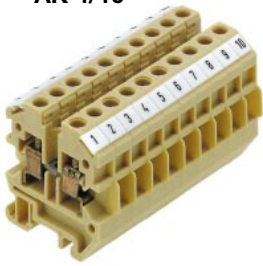
For further accessories see section 3, further marking material see section 8 u. 8

* For PA terminals only

¹⁾ Test adapter with crimped cables available on request

²⁾ 300 mm long

AK 4
AK 4/10



38,5 A / 6 mm²

60/32/34
9 mm/M 3/3,5 x 0,6
690 V/32 A/4 mm ²
8 kV/3
0,5...1,0
2
0,5...6
1,5...4
0,5...4
0,5...4
0,5...4
0,2...6.0 / A 3
20
20
600 V/27 A/22...12 AWG
600 V/20 A/24...12 AWG
TS 15
048956 100
(10pol.w/o.mrk.) 036656 10
(10pol.w. mrk.) 046956 10
Type Cat. No. Qty.
BB 3 (8,0) 036666 50
Combined AP + end bracket
TW/AP (1,5) 133176 20
TSch 4 036336 100
Q 2 036900 50
Q 3 036910 50
Q 4 036920 50
Q 10 036930 20
AD 4 030340 50
BSK M 2,5x18 030330 100
StB 8.5 021570 50
PS 2.3 018040 20
FW 6 046866 500
FS 6 046876 500

AKE 2.5



5/28/27
7 mm/M 2,5/3,0 x 0,5
IEC 947-7-2
250 V**/-/2,5 mm ²
4 kV/3
0,4...0,7
1
0,5...4
1,5...2,5
0,5...2,5
0,5...2,5
0,5...2,5
0,13...4.0 / A 3
-/-/22...12 AWG
-/-/26...12 AWG
TS 15
130336 100
(Green/yellow)
Type Cat. No. Qty.
FW 5 047346 500
FS 5 047356 500

AKE 4



7/32/34
9 mm/M 3/3,5 x 0,6
IEC 947-7-2
690 V**/-/4 mm ²
8 kV/3
0,5...1,0
2
0,5...4
1,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4.0 / A 3
-/-/22...12 AWG
-/-/26...12 AWG
TS 15
038026 100
(Green/yellow)
Type Cat. No. Qty.
FW 6,5 046816 500
FS 6,5 046826 500

AKE 4 MS



7/27,5/30
9 mm/M 3/3,5 x 0,6
-/-/4 mm ²
0,8...1,6
3
0,5...4
1,5...4
0,5...4
0,5...4
0,5...4
0,5...4.0 / A 3
-
-/-/22...14 AWG
TS 15
021120 50
Type Cat. No. Qty.

ASK 1



8/58/34
9 mm/M 3/3,5 x 0,6
500 V/6,3 A/4 mm ²
6 kV/3
0,5...1,0
2
0,5...4
1,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4.0 / A 3
(QB 2...4) 10
300 V/10 A/22...12 AWG
300 V/6,3 A/26...12 AWG
TS 15
037686 100
5 x 20 without indicator
Type Cat. No. Qty.
AP (1,5) 038036 20
QB 2 ¹⁾ insul. 046110 50
QB 3 ¹⁾ insul. 046120 50
QB 4 ¹⁾ insul. 046130 50
3-pole ganging with SchS 2, marking tag carrier, clipped onto three disconnect levers (Cat. No. 033740)
contact sleeve 055330 100
FW 6.5 046816 500
FS 6.5 046826 500

SAKR
with 2 sockets or
with 2 clamping screws



6,5/42/45
8 mm/M 3/3,5 x 0,6
400 V ²⁾ /10 A/4 mm ²
6 kV/3
0,5...1,0
2
0,5...4
1,5...4
0,5...4
0,5...2,5
0,5...4
0,13...4.0 / A 3
(QB 2...4) 10
300 V/10 A/22...12 AWG
300 V/10 A/26...12 AWG
TS 15
with 2 StB 041286 100
w. clamp. scrw. 041276 100
Type Cat. No. Qty.
AP (1,5) 021136 20
QB 2 ¹⁾ insul. 048270 50
QB 3 ¹⁾ insul. 048280 50
QB 4 ¹⁾ insul. 048290 50
QB 25 ¹⁾ blank 013400 20
PS 2.3 018040 20
FW 6.5 046816 500
FS 6.5 046826 500

¹⁾ rated voltage between PE and feed-through to VDE 0110/1.89

¹⁾ The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used

²⁾ With contact sleeve 19 A

²⁾ As disconnect terminal, rated voltage 250 V

Feed-through terminals
Tab connection
Solder connection

AKZ 4 SS

AKZ 4 SS

AKZ 4 S

AKZ 4 SF



Dimensions

Width / length / height (mm)	with TS 15	6/28,5/30,5	6/28,5/30,5	6/27/30	6/27/30
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Insulation stripping length/clamping screw/screwdriver blade				9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6
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Rated data					
Rated voltage/rated current/rated cross-section		400 V/8 A/2,5/1 mm ²	400 V/8 A/1 mm ²	400 V/8 A/4/1 mm ²	400 V/8 A/4/1 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity		6 kV/3	6 kV/3	6 kV/3	6 kV/3

Further technical data					
Tightening torque range	Nm			0,5...1,0	0,5...1,0
Torque setting with DMS 2 electric screwdriver				2	2

Clampable conductor					
solid H07V-U	mm ²			0,5...4	0,5...4
stranded H07V-R	mm ²			1,5...4	1,5...4
flexible H07V-K	mm ²	Tab 6.3 und 2.8 mm	Tab 2.8 mm	0,5...4	0,5...4
flexible H07V-K and AEH DIN 46 228/1	mm ²			0,5...4	0,5...4
flexible H07V-K and AEH with plastic collar	mm ²			0,5...4	0,5...4
Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988	Size			0,2...4/A 3	0,2...4/A 3

Continuous current rating of cross-connection	2-pole	A	20	20	20	20
Continuous current rating of cross-connection	multipole	A	20	20	20	20

UL / CSA rated data					
Voltage / current / conductor size	UL	-	-	150 V/20 A/22...12 AWG	-
Voltage / current / conductor size	CSA	300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG

Ordering data	Type	TS 15	Cat. No.	Qty.	TS 15	Cat. No.	Qty.	TS 15	Cat. No.	Qty.	TS 15	Cat. No.	Qty.
	KrG												
	PA		032456	100		036246	100		032446	100		015876	100
	Blue PA												
	PA												

End plate (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	PA	AP (1,5)	029446	20	AP (1,5)	029446	20	AP (1,5)	029446	20	AP (1,5)	029446	20
	PA												
	Blue PA												
	HP												
	HP												
	BB												

Partition (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	PA	TW (0,5)	034826	50	TW (0,5)	034826	50	TW (0,5)	034826	50	TW (0,5)	034826	50
	HP												
	HP												

Small partition												
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Cross-connection												
	Q 2	036900	50	Q 2	036900	50	Q 2	033640	50	Q 2	033640	50
	Q 3	036910	50	Q 3	036910	50	Q 3	033650	50	Q 3	033650	50
	Q 4	036920	50	Q 4	036920	50	Q 4	033660	50	Q 4	033660	50
	Q 10	036930	20	Q 10	036930	20	Q 10	036860	20	Q 10	036860	20

Switchable cross-connection link												
	VL 2	044670	50	VL 2	044670	50	VL 2	044670	50	VL 2	044670	50
	VH 10	044660	100	VH 10	044660	100	VH 10	044660	100	VH 10	044660	100
	BS M 2,5x14	026680	100	BS M 2,5x14	026680	100	BS M 2,5x14	026680	100	BS M 2,5x14	026680	100

Test plug/Socket												
	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50
	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20

Cover												
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Insulation sleeve												
	IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	100
	IH 6.3	038626	100	IH 6.3	038626	100	IH 6.3	038626	100	IH 6.3	038626	100

Marking tags	Print												
	Consecutive horizontal	FW 6	046866	500	FW 6	046866	500	FW 6	046866	500	FW 6	046866	500
	Consecutive vertical	FS 6	046876	500	FS 6	046876	500	FS 6	046876	500	FS 6	046876	500

For further accessories see section 3, further marking material see section 8

* Insulation sleeves are to be used with tab connections to maintain the rated voltage.

Feed-through terminals

Screw connection

Spring clip connection iaw. DIN 41611 Part 4

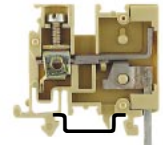
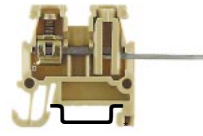
Wrap connection iaw. DIN/IEC 352 Part 1

AKZ 1.5 T

AKZ 1.5 T

AKZ 1.5 T

AKZ 2.5 K



* 035786 = 45 mm

Dimensions

Width / length / height (mm)	with TS 15	5/25/45	5/25/39,5	5/28/44	5/26/46,7
Pin dimension	mm	0,8 x 1,6	1 x 1	0,8 x 1,6	0,8 x 1,6
Insulation stripping length/clamping screw/screwdriver blade		7 mm/M 2,5/3,0 x 0,5	7 mm/M 2,5/3,0 x 0,5	7 mm/M 2,5/3,0 x 0,5	7 mm/M 2,5/3,0 x 0,5
Rated data					
Rated voltage / current / cross-section		125 V/8 A/1,5 mm ²	125 V/8 A/1,5 mm ²	125 V/8 A/1,5 mm ²	125 V/10 A/2,5 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity		2,5 kV/3	2,5 kV/3	2,5 kV/3	2,5 kV/3
Further technical data					
Tightening torque range	Nm	0,4...0,7	0,4...0,7	0,4...0,7	0,4...0,7
Torque setting with DMS 2 electric screwdriver		1	1	1	1
Clampable conductor					
solid H07V-U	mm ²	0,5...2,5	0,5...2,5	0,5...2,5	0,5...4
stranded H07V-R	mm ²	1,5	1,5	1,5	1,5...2,5
flexible H07V-K	mm ²	0,5...1,5	0,5...1,5	0,5...1,5	0,5...2,5
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...1,5	0,5...1,5	0,5...1,5	0,5...2,5
flexible H07V-K and AEH with plastic collar	mm ²	0,5...1,5	0,5...1,5	0,5...1,5	0,5...2,5
Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988	Size	0.13...2.5 / A1	0.13...2.5 / A1	0.13...2.5 / A1	0.13...4.0 / A3

Continuous current rating of cross-connection 2-pole	A	10	10	10	10
Continuous current rating of cross-connection multipole	A	10	10	10	10

UL / CSA rated data

Voltage / current / conductor size	UL	300 V/10 A/26...14 AWG	300 V/10 A/26...14 AWG	300 V/10 A/26...14 AWG	300 V/10 A/26...14 AWG
Voltage / current / conductor size	CSA	300 V/10 A/24...16 AWG	300 V/10 A/24...16 AWG	300 V/10 A/24...16 AWG	300 V/10 A/26...10 AWG

Ordering information

Pin versions

		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
 Horizontal assembly	0.6 x 0.6	AKZ 1.5 T	044256	100	AKZ 1.5 T	048366	100	AKZ 1.5 T	040046	100	AKZ 2.5 K	069626	100
	1.0 x 1.0	AKZ 1.5 T	035796	100	AKZ 1.5 T	035786	100	AKZ 1.5 T	040036	100	AKZ 2.5 K	069636	100
	0.8 x 1.6 horizontal	AKZ 1.5 W	032946	100				AKZ 1.5 T	041036	100	AKZ 2.5 K	069646	100
	0.8 x 1.6 vertical										AKZ 2.5 K	069656	100
 Vertical assembly	0.8 x 2.4 horizontal												
	0.8 x 2.4 vertical												

End plate (thickness mm)

	PA	AP (1,5)	034056	50	AP (1,5)	034056	50	AP (1,5)	034056	50	AP (2,5)	069726	50
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Partition (thickness mm)

	PA										TW (1,5)	031856	20
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Small partition

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Cross-connection

 Q 3	2-pole	Q 2	036820	50	Q 2	036820	50	Q 2	036820	50	Q 2	036820	50
	3-pole	Q 3	036830	50	Q 3	036830	50	Q 3	036830	50	Q 3	036830	50
	4-pole	Q 4	036840	50	Q 4	036840	50	Q 4	036840	50	Q 4	036840	50
	10-pole	Q 10	036850	20	Q 10	036850	20	Q 10	036850	20	Q 10	036850	20

Switchable cross-connection link

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Test plug/Socket

		Plug-test socket ø 2.3 mm	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50
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		PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20
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Marking tags

Print

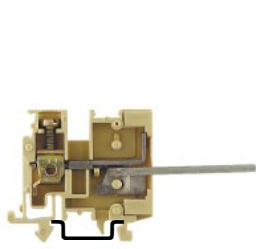
	Consecutive horizontal	FW 5	047346	500	FW 5	047346	500	FW 5	047346	500	FW 5	047346	500
	Consecutive vertical	FS 5	047356	500	FS 5	047356	500	FS 5	047356	500	FS 5	047356	500

For further accessories see section 3, further marking material see section 8

AKZ 2.5 K



AKZ 2.5 K



AKZ 4 T



AKZ 4 T



AKZ 4 T



AKZ 4 ST



AKZ 2.5 K			AKZ 2.5 K			AKZ 4 T			AKZ 4 T			AKZ 4 T			AKZ 4 ST		
5/26/46,7			5/47,5/27			6/27/48,5			6/27/50,5			6/27/57,8			6/27/50,2		
0,8 x 1,6			0,8 x 1,6			1 x 1			0,8 x 1,6			0,8 x 2,4			0,8 x 1,6		
7 mm/M 2,5/3,0 x 0,5			7 mm/M 2,5/3,0 x 0,5			9 mm/M 3/3,5 x 0,6			9 mm/M 3/3,5 x 0,6			9 mm/M 3/3,5 x 0,6			-		
250 V/8 A/2,5 mm ²			250 V/8 A/2,5 mm ²			250 V/10 A/4 mm ²			250 V/10 A/4 mm ²			250 V/10 A/4 mm ²			250 V/10 A/2,5 mm ²		
4 kV/3			4 kV/3			4 kV/3			4 kV/3			4 kV/3			4 kV/3		
0,4...0,7			0,4...0,7			0,5...1,0			0,5...1,0			0,5...1,0			-		
1			1			2			2			2			-		
0,5...4			0,5...4			0,5...4			0,5...4			0,5...4			-		
1,5...2,5			1,5...2,5			1,5...4			1,5...4			1,5...4			-		
0,5...2,5			0,5...2,5			0,5...4			0,5...4			0,5...4			-		
0,5...2,5			0,5...2,5			0,5...4			0,5...4			0,5...4			-		
0,5...2,5			0,5...2,5			0,5...4			0,5...4			0,5...4			-		
0.13...4.0 / A3			0.13...4.0 / A3			0.13...4.0 / A3			0.13...4.0 / A3			0.13...4.0 / A3			0.5...2.5 / -		
10			10			20			20			20			20		
10			10			20			20			20			20		
300 V/10 A/26...14 AWG			300 V/10 A/26...14 AWG			300 V/10 A/26...14 AWG			300 V/10 A/26...14 AWG			300 V/10 A/26...14 AWG			-		
300 V/10 A/26...10 AWG			300 V/10 A/26...10 AWG			300 V/10 A/24...12 AWG			300 V/10 A/24...12 AWG			300 V/10 A/24...12 AWG			-		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AKZ 2.5 K	069546	100	AKZ 2.5 K	069586	100	AKZ 4 T	044586	100	AKZ 4 T	034416	100	AKZ 4 T	036646	100	AKZ 4 ST	043926	100
AKZ 2.5 K	069556	100	AKZ 2.5 K	069596	100				AKZ 4 T	034406	100						
AKZ 2.5 K	069576	100	AKZ 2.5 K	069606	100							AKZ 4 T	046166	100			
AKZ 2.5 K	069566	100	AKZ 2.5 K	069616	100												
AP (2,5)	069726	50	AP (2,5)	069726	50	AP (1,5)	029446	20	AP (1,5)	029446	20	AP (1,5)	029446	20	AP (1,5)	029446	20
TW (1,5)	031856	20	TW (1,5)	031856	20	TW (1,5)	034826	50	TW (1,5)	034826	50	TW (1,5)	034826	50	TW (1,5)	034826	50
						TSch 4	036336	100	TSch 4	036336	100	TSch 4	036336	100			
Q 2	036820	50	Q 2	036820	50	Q 2	033640	50	Q 2	033640	50	Q 2	033640	50	Q 2	036900	50
Q 3	036830	50	Q 3	036830	50	Q 3	033650	50	Q 3	033650	50	Q 3	033650	50	Q 3	036910	50
Q 4	036840	50	Q 4	036840	50	Q 4	033660	50	Q 4	033660	50	Q 4	033660	50	Q 4	036920	50
Q 10	036850	20	Q 10	036850	20	Q 10	036860	20	Q 10	036860	20	Q 10	036860	20	Q 10	036930	20
						VL 2	044670	50	VL 2	044670	50	VL 2	044670	50			
						VH 10	044660	50	VH 10	044660	50	VH 10	044660	50			
						BS M 2,5 x 14	026680	100	BS M 2,5 x 14	026680	100	BS M 2,5 x 14	026680	100			
StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50
PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20
FW 5	047346	500	FW 5	047346	500	FW 6	046866	500	FW 6	046866	500	FW 6	046866	500	FW 6	046866	500
FS 5	047356	500	FS 5	047356	500	FS 6	046876	500	FS 6	046876	500	FS 6	046876	500	FS 6	046876	500

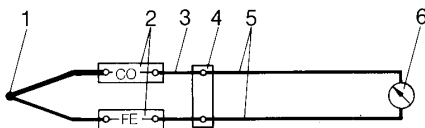
**Feed-through terminals
for temperature measuring circuits**

AKZ 4/TC

Weidmüller thermocouple terminals are specially designed for transmitting the smallest voltages in temperature measuring circuits. Special busbars ensure that no false signals occur in the terminal when temperature differences exist in the positive and negative path. This high measuring precision is necessary for, e.g. test beds aircraft engines, for complicated chemical processes, control, etc.

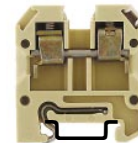
- Busbar material corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Row width 14 mm including end plate

Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensating conductor
- 4 Reference point
- 5 Supply conductors (to and from)
- 6 Measuring device

The thermocouple terminals displayed in this measurement circuit are used to thermoelectrically transmit thermal e.m.f. of the thermocouple to the reference point and indicating device via the thermocouple. Thermocouple terminals are required for the construction of temperature measuring circuits.



Dimensions

Width / length / height (mm) with TS 15 14/27/30

Insulation stripping length/clamping screw/screwdriver blade 9 mm/M 3/3,5 x 0,6

Rated data

Rated voltage / current / cross-section --/4 mm²

Further technical data

Tightening torque range Nm 0,5...1

Torque setting with DMS 2 electric screwdriver 2

Clampable conductor

solid H07V-U mm² 0,5...4

stranded H07V-R mm² 1,5...4

flexible H07V-K mm² 0,5...4

flexible H07V-K and AEH DIN 46 228/1 mm² 0,5...2,5

flexible H07V-K and AEH with plastic collar mm² 0,5...2,5

Plug gauge according to 947-1 Size A 3

Continuous current of terminal block for conductor size

Continuous current rating of cross-connection 2-pole A

Continuous current rating of cross-connection multipole A

UL / CSA rated data

Voltage / current / conductor size UL

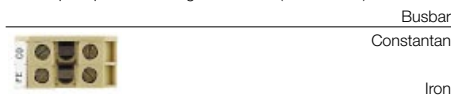
Voltage / current / conductor size CSA

Ordering information

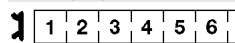
Version	TS 15	Cat. No.	Qty.
for thermocouples Type J	Fe - CuNi	162701	20
according to IEC 584 Type T	Cu - CuNi	on request	
(DIN 43710) Type K	NiCr - Ni	167713	20
Type E	NiCr - CuNi	on request	

Technical data

Thermocouples according to IEC 584 (DIN 43 710)



Marking tags



Print

Consecutive horizontal FW 6 **046866** 500
Consecutive vertical FS 6 **046876** 500

For further accessories see section 3, further marking material see section 8